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MAGERY  
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PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

MILITARY INSTALLATIONS

SAMARKAND, USSR

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Declass Review by NIMA / DoD

GROUP 1  
Excluded from automatic  
downgrading and declassification

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MILITARY INSTALLATIONS

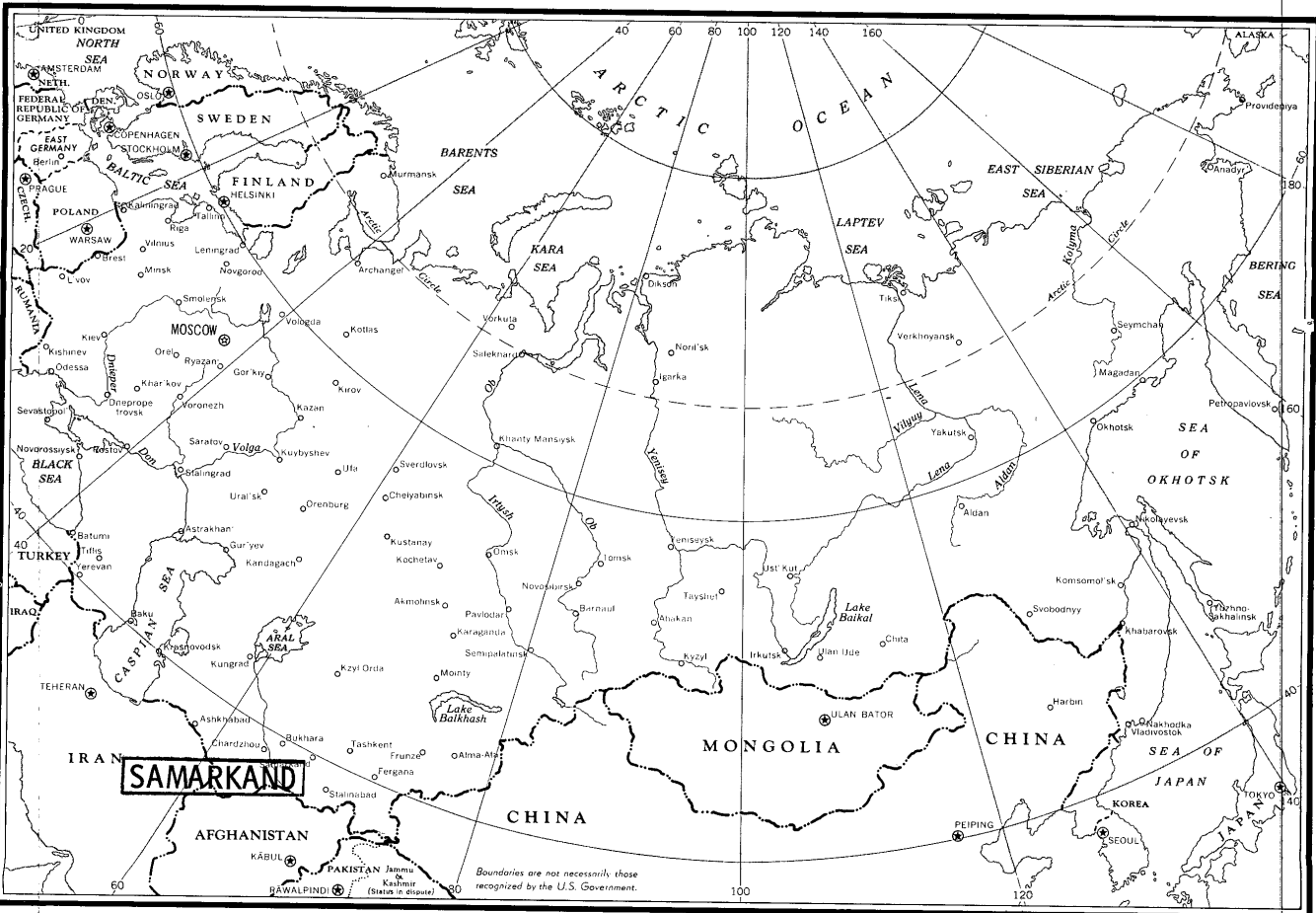
SAMARKAND, USSR

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Figure 1



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PREFACE

Samarkand (39 39N-066 58E) is located in the south-central section of the Turkestan Military District approximately 150 nm southwest of Taskent. An examination of photography [redacted]

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[redacted] revealed one major ground force installation with an associated training area west of Samarkand and three possible ground force associated installations within the city.

A functional analysis is presented for each area (yellow outlines on Figures 4 and 5) accompanied by a line drawing of the major ground force installation (Figure 3). Vehicles counts are given where applicable.

The following alphabetical designators are used to delineate functional areas within military installations.

- A. Billeting area
- B. Vehicle storage/maintenance area
- C. General storage area
- D. Ammunition storage
- E. Miscellaneous (hospitals, prisons, POL, personnel training facilities and unidentified facilities)
- F. Small arms range
- G. Driver-training area
- H. Support
- J. Tank/assault-gun range
- K. Flat trajectory range
- L. Subcaliber range
- M. APC range
- N. Combined-arms range
- P. Artillery training area
- Q. Infantry training area
- R. Special or unidentified area

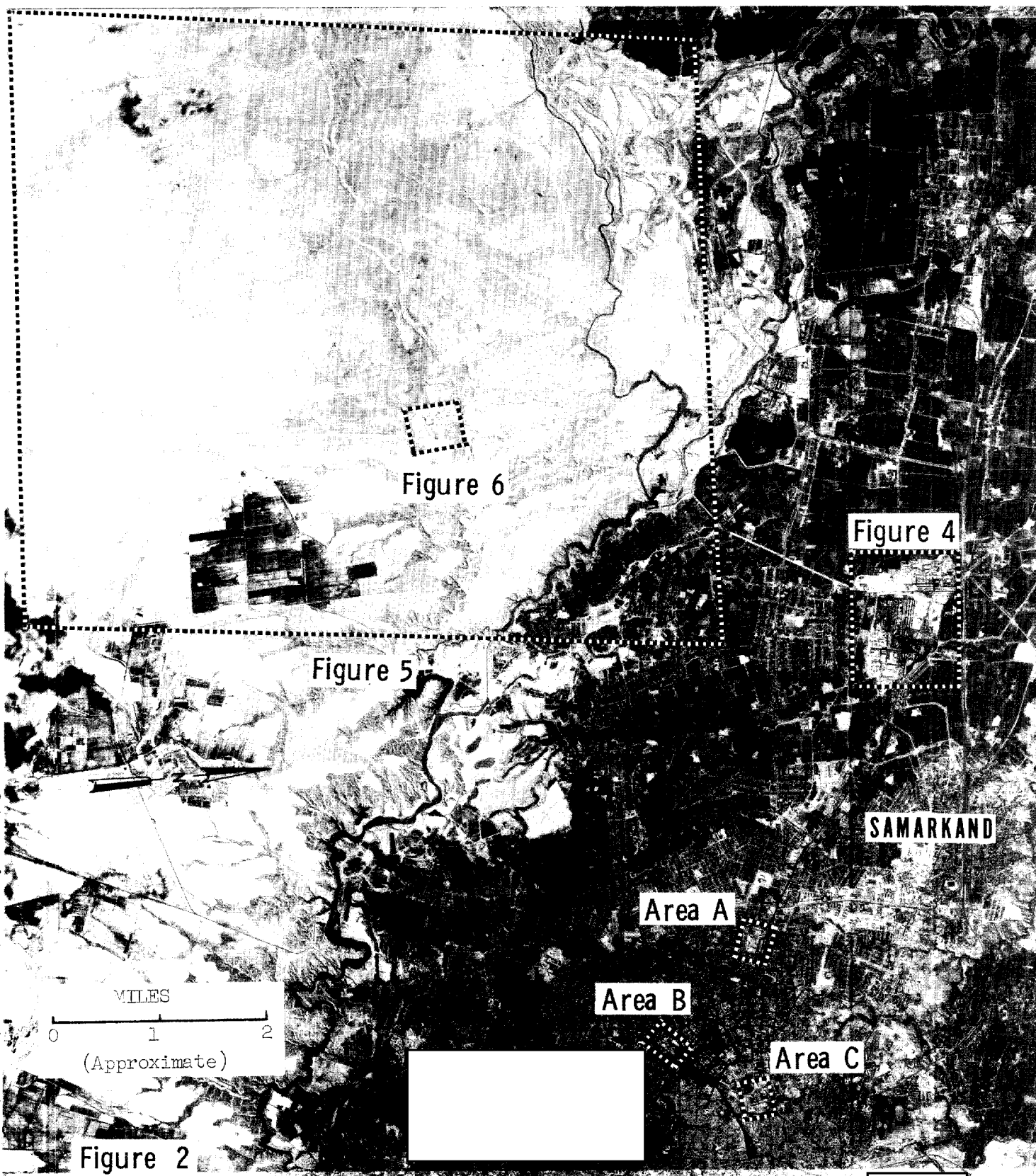
- NOTE: 1. The absence of one or more alphabetical designators indicates that those functional areas were not observed at that particular installation.
2. Lower case letters (i.e., Ba) are used to delineate more than one area of a particular functional category.

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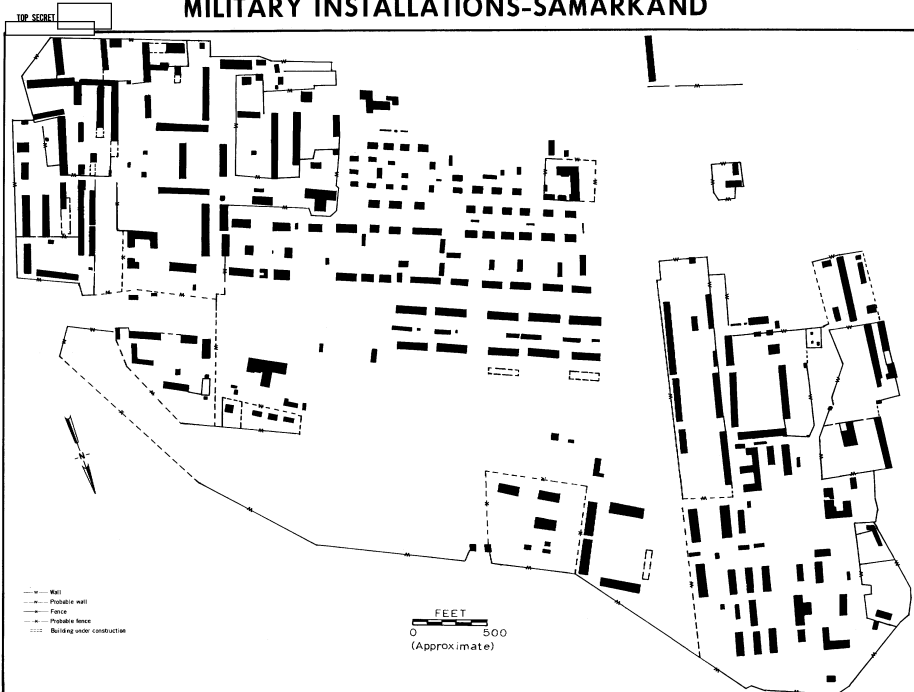
# MILITARY INSTALLATIONS-SAMARKAND



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# MILITARY INSTALLATIONS-SAMARKAND



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SAMARKAND ARMY BARRACKS DZHMUSHEKBAID AL-1

39 41 028-066 53 30E

## I. GENERAL

This large ground force installation is located approximately 0.5 km from the western limits of Samarkand and consists primarily of billeting and vehicle storage facilities (See Figures 3 and 4).

## II. FUNCTIONAL ANALYSIS

### Aa. Barracks and Administration Area

- 1 E-shaped barracks/administration building
- 1 Possible administration building
- 1 Barracks (probably 2 story) 205' x 50'
- 2 Probable barracks (probably 2 story) 210' x 55'
- 7 Barracks (1-2 story) 155' x 45'
- 1 T-shaped possible messhall
- 3 Probable storage buildings
- 17 Support buildings

### Ab. Barracks and Administration Area

- 1 Probable administration building
- 1 Barracks/administration building
- 17 Barracks (3-5 story) 2 @ 200' x 50'
- (3-5 story) 4 @ 195' x 45'
- (3-5 story) 3 @ 185' x 45'
- (2-3 story) 1 @ 175' x 45'
- (probably 2 story) 2 @ 190' x 35'
- (2-3 story) 4 @ 125' x 35'
- (2-3 story) 1 @ 100' x 35'
- 4 Possible barracks (probably 2 story) 100' x 50'
- 1 Barracks (4-6 story) 195' x 45'

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- 1 Probable barracks (under construction)  
This building (approx 190' long) has 4  
internal stair wells, each one apparently  
serving a large room on the floor observed.  
A large hammerhead crane is located near  
the building.
- 6 Possible quarters
- 20 Large support buildings
- Approximately 35 small support buildings

Ac. Administration Area

- 1 Large T-shaped administration building
- 1 L-shaped probable administration building
- 1 Barracks/administration building
- 4 Probable quarters
- 1 Possible vehicle shed
- 1 Possible storage building
- 16 Support buildings
- 1 Athletic field
- 1 Tennis court
- 1 Probable basketball court
- 1 Outdoor theater (w/covered stage)

Ad. Barracks and Administration Area

- 1 U-shaped probable administration building
- 3 Barracks/administration buildings
- 4 Probable barracks (probably 2 story) 2 @ 340' x 30'  
(probably 2 story) 2 @ 325' x 30'
- 2 Probable storage buildings
- 7 Support buildings
- 1 Reservoir/swimming pool
- 1 Small outdoor theater
- 1 Obstacle course
- 1 Possible basketball court
- Several small fields in this area are  
possibly used for personnel drilling.

Ae. Quarters Area

- 15 Quarters
- 15 Smaller probable quarters
- 5 Possible quarters
- 20 Support buildings
- This area is probably used for officer and/  
or dependent housing.

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Af. Barracks Area

- 3 Probable barracks
- 3 Support buildings
- These buildings were under construction

140' x 50'

Ba. Probable Vehicle Storage Area

- 1 Probable vehicle shed
- 1 Possible vehicle shed
- 1 Possible vehicle shed
- This building is connected to another building by an unroofed structure.
- 8 Support buildings

420' x 40'  
340' x 40'  
190' x 40'

Bb. Vehicle Storage Area

- 1 Vehicle shed
- 1 Vehicle shed
- A section of this building's roof is missing revealing a truck parked inside. Adjoining this building is what appears to be the frame for another building of approximately the same size.

335' x 40'  
150' x 80'

Bc. Vehicle Storage and Maintenance Area

- 3 Vehicle sheds
- 1 Probable vehicle shed
- 1 Probable vehicle maintenance building
- 5 Small support buildings

330' x 40'  
190' x 40'  
70' x 50'

Bd. Vehicle Storage and Maintenance Area

- 4 Vehicle sheds
- 1 Vehicle shed
- This building has been extended 460 feet
- 1 Probable vehicle shed
- 1 Probable vehicle maintenance building

1 @ 360' x 35'  
1 @ 275' x 40'  
1 @ 285' x 40'  
1 @ 190' x 40'  
520' x 40'

120' x 25'  
80' x 65'

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8 Support buildings  
Twenty-eight horizontal probable POL  
tanks, 10-15 feet long, are located  
near the southeast corner of this area.

Be. Vehicle Storage and Maintenance Area

4 Vehicle sheds  
1 @ 420' x 35'  
1 @ 350' x 35'  
2 @ 140' x 35'  
70' x 50'

1 Probable vehicle maintenance building  
7 Support buildings

Bf. Vehicle Storage and Maintenance Area

3 Vehicle sheds  
1 @ 370' x 35'  
1 @ 230' x 40'  
1 @ 185' x 30'  
approx 200' x 60'

1 Vehicle shed under construction  
The roof of this building was approximately  
half-completed on [redacted] photography.  
Vehicles are observed within the building.

1 Vehicle maintenance building  
65' x 45'

3 Support buildings

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Bg. Vehicle Storage Area

1 Vehicle shed  
This building was not present [redacted]  
[redacted]

1 Vehicle shed  
(with an extension)  
The extension was added [redacted]  
[redacted]

1 Vehicle shed  
145' x 35'

2 Probable vehicle sheds  
1 @ 390' x 30'  
1 @ 320' x 35'

1 Possible vehicle shed  
190' x 35'

8 Support buildings

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Bh. Vehicle Storage and Maintenance Area

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6 Vehicle sheds	1 @ 425' x 30'
	2 @ 270' x 40'
	1 @ 260' x 35'
	1 @ 220' x 30'
	1 @ 190' x 35'
2 Probable vehicle sheds	1 @ 190' x 30'
	1 @ 110' x 40'
1 Probable vehicle shed under construction	
This building is being constructed on the site of another vehicle shed being torn down. The new building will be approximately twice as wide (50-55 feet).	
1 Probable vehicle maintenance building	80' x 65'
6 Support buildings	

C. General Storage and Support Area

- 3 Probable storage buildings
- 3 Earth-covered probable storage buildings
- 5 Storage/support buildings
- 5 Support buildings

Ea. POL Storage Area

- 2 Partially buried probable storage buildings
- 3 Support building
- 2 Revetted horizontal POL tanks approx 30' long
- 12 Revetted horizontal POL tanks 10 approx 15' long
- 2 approx 10' long

There are also at least 50 smaller probable POL tanks in the area.

Eb. Personnel Training and Bivouac Area

- 2 Obstacle courses
- Approximately 30 general purpose tent bases

Ec. Possible Training Facility

- 3 Possible classroom buildings
- 1 Vehicle shed 255' x 40'
- 1 Possible vehicle shed under construction 200' x 45'

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Ed. Personnel Training and Bivouac Area

- 1 Obstacle course
- 2 Guard posts (at main gate)  
At least 25 general purpose tent bases  
The rest of this area is scarred by small  
trails and may be used for training purposes.

Ee. Possible Training Area

- 2 Support buildings  
This area is heavily scarred and appears to  
be used for vehicle and/or personnel train-  
ing.

Ef. Amphibious Vehicle Test/Training Facility

- 1 Storage/support building
- 1 L-shaped amphibious vehicle test/  
training pond
- 1 Probable driver-training course  
The pond was filled with water

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F. Probable Small-Arms Firing Ranges

- 1 Support building
- 1 Calibration/known distance small-arms  
range  
Crossbars are observed at 60, 100, 140,  
205 and 270 feet.
- 1 Possible fire control tower  
Both ranges have covered firing lanes.

350' x 45'

Ha. Support Area

- 1 Probable storage building
- 1 Large T-shaped U/I building
- 5 Support buildings

Hb. Support Area

- 1 Irregular-shaped U/I building
- 5 Support buildings

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Hc. Support Area

- 1 Multistory L-shaped barracks/administration building
- 14 Support buildings

Hd. Support Area

- 1 Heat/power plant
  - 4 Support buildings
- These buildings are possibly in support of the construction in area Ab.

L. Probable Subcaliber Firing Ranges

- 7 Support buildings
- 1 Known distance subcaliber firing range 670' x 100'  
Three probable turrets are mounted on the firing line. Crossbars are located at 125, 225 and 370 feet.
- 1 Moving target subcaliber firing range 500' x 85'  
This range has a covered firing line and 2 moving targets.

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## TRAINING AREA - SAMARKAND

39 40N-066 52E

## I. GENERAL

This training area is located 1.0 nm south of Army Barracks AL-1 and covers approximately 6,500 acres (not completely shown on Figure 5). The area contains a variety of training facilities and is connected by road to both Army Barracks AL-1 and Samarkand (see Figure 5).

## II. FUNCTIONAL ANALYSIS

Aa. Bivouac and Support Area

- 17 Support buildings
- 3 Probable ammunition storage buildings (separately secured)
- 5 Building/tent foundations
- 1 Obstacle course
- Approximately 375 tent bases
- This area also contains numerous small probable training facilities (type undetermined).

Ab. Bivouac and Support Area

- 2 Support buildings
- Approximately 30 tent bases
- Numerous probable vehicle revetments and probable artillery or AAA revetments are located in and around this area.

Ac. Bivouac Area

- Approximately 325 tent bases

Ga. Driver-Training Area

- 8 Support buildings
- This area appears to be mainly used for tracked-vehicle driver-training.

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Gb. Driver-Training Area

- 3 Small support buildings
- This area appears to be mainly used for wheeled-vehicle driver-training.

Gc. Driver-Training Area

(Only partially shown on Figure 5)

The principal facility in this area is a large (approximately 2 nm long) driver-training circuit primarily used by tracked-vehicles. Several other smaller circuits are observed.

J. Tank/Assault-Gun Firing Ranges

- 3 Range control towers
- 25 Range support buildings
- 3 Moving target ranges (w/firing lanes)
- 2 Moving target ranges (w/o firing lanes)
- 1 Flat-trajectory range (with stationary targets)
- There are numerous moving and stationary targets in the area (some of which are probably no longer used).

L. Probable Subcaliber Firing Range

- 6 Support buildings
- Numerous moving target runs are observed at various distances from the firing line.

M. APC Firing Range

- 14 Support buildings
- Four APC firing loops parallel the firing line. Moving targets are located at various distances.

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#### N. Probable Combined-Arms Training Area

#### 4 Support buildings

4. Support buildings  
This area contains several tracked and/or wheeled-vehicle trails, artillery positions, trenches, moving target runs, and aircraft silhouettes. A small unit exercise is apparently underway in this area.

Q. Infantry Training Area

### 3 Support buildings

This area contains numerous trench systems, considerable unidentified ground scarring, and is probable used mainly for infantry training. Four artillery emplacements are located near the support buildings.

Ra. Tank/Assault-Gun Support Facility

<p>A/ Assault-Gun 3</p> <p>(See Figures 5</p>	
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- 1 Possible administration building  
2 Probable barracks  
4 Vehicle sheds

2 @ 260' x 60'  
345' x 40'  
1 @ 480' x 45'  
(with 26 bays)  
1 @ 345' x 45'  
185' x 40'

- 1 Probable vehicle shed  
9 Support buildings  
1 Obstacle course

Approximately 45 tent bases  
The function of this area, whether  
strictly for range support or for  
housing an active unit, has not  
been determined.

Rb. Possible Display/Demonstration Area

- 3 Support buildings  
12 Probable tent bases

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## URBAN MILITARY INSTALLATIONS

### I. GENERAL

The 3 small possible ground force associated installations located within the urban area of Samarkand are designated A, B and C (See Figures 2 and 7). Area A is in the general vicinity of Samarkand Army Barracks AL-2 (39 39 25N-066 56 30E) and AL-7 (39 39 50N-066 56 10E). Area B is near the coordinates of Samarkand Army Barracks SW AL-4 (39 39 02N-066 57 13E) and Samarkand HQ U/I Line Division (39 39 02N-066 57 13E). Area C is near the coordinates of Samarkand Army Barracks Fort (39 39 32N-066 58 16E) and Samarkand Engineer Depot (39 39 32N-066 58 17E).

### II. FUNCTIONAL ANALYSIS

#### AREA A

39 39N-066 57E

2 Probable administration buildings	1 @ 220' x 40'
5 Possible barracks	1 @ 210' x 40'
	3 @ 200' x 40'
6 Vehicle sheds	1 @ 440' x 40'
	1 @ 300' x 40'
	1 @ 280' x 40'
	1 @ 235' x 40'
	1 @ 220' x 40'
	1 @ 175' x 35'
3 Possible vehicle sheds	2 @ 400' x 40'
	1 @ 125' x 40'
2 Possible vehicle maintenance buildings	
2 Support buildings	

#### AREA B

39 39N-066 57E

1 Possible barracks/administration building	1 @ 200' x 55'
2 Barracks	1 @ 170' x 35'

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1 @	380'	x	40'
1 @	240'	x	40'
1 @	170'	x	40'
	160'	x	40'
1 @	320'	x	40'
1 @	165'	x	35'

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		225'	x	50'
1	@	195'	x	45'
1	@	185'	x	40'
1	@	180'	x	40'
1	@	180'	x	35'
1	@	175'	x	40'
1	@	160'	x	40'

AREA A

AREA B

AREA C

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AREA A



AREA B



AREA C

**Figure 7**

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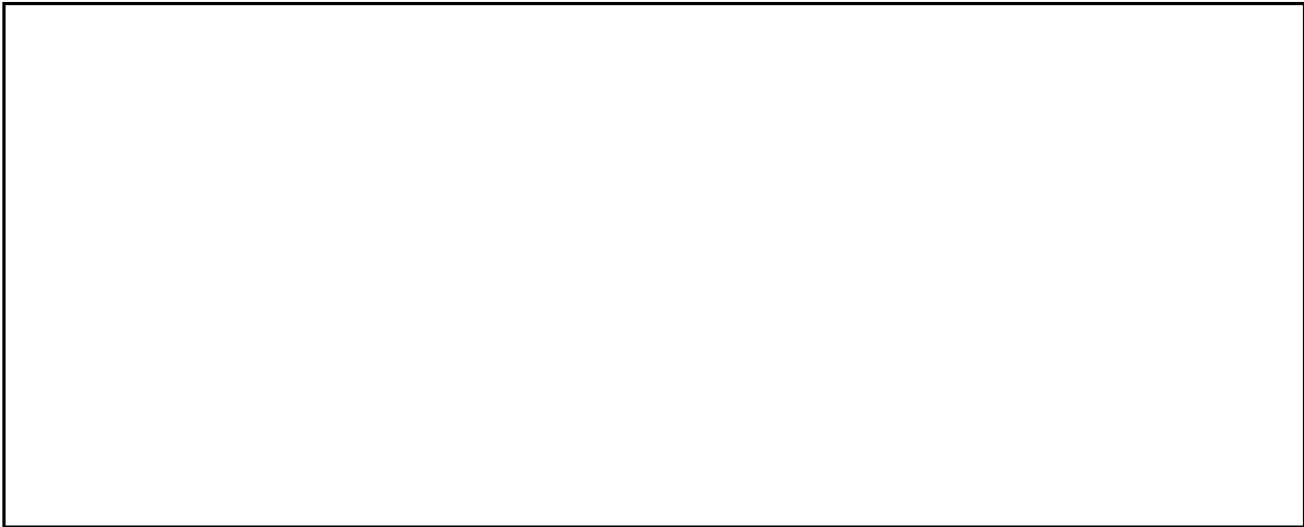
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REQUIREMENT

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